AEE/SSD/SRR/000080/18-19 dt. 24/01/19

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 2nd and final Bill 226007

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Technical Manager (West) KRIDL, Bengalore.

Date of commencement of work..... D.O. Recordg. 18-01-2019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work : Imp. to Roads and drains at surrdg area in Ward no. 12, Shettyhalli sub-Division					vinayakanagar cross-Roads and	
	Estimated cost Rs. 50.00 Lakhs						
	JOB. no - 012-18-000004					pcode - P-3832	
	Workorder no - EE/00/220/37/2018-19					dt. 11-09-2018	
①	Earthworks Excavation by manual means in ordy soil including an average horizontal throw upto 2m and any depth						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lift upto 1.50m, Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of Engineer-in charge of work.						
	Qty vide this mb. Is No. ①						
	P.No - 226076 - 694.043						
	@ 175.96/-						122116.24
2)	Providing laying in position plain concrete consisting of mix 1:2:4 (1 cement 2 sand with 40mm nominal down size graded granite metal coarse aggregate 0-8mm and fine aggregate 0-5mm) machine mixed, concrete laid in layers not						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 226008

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	exceeding 15cms thick well compacted in found^n including cost of all materials, labour, hire of machinery, curing complete as per specifications and directions of Engineer-in-charge incl. work.						
	qty vide this MB. p. no - 226077						
	Item (2) @ 104.10 qty @ 5159.02 qty						5,37,053.98
(3)	Providing & laying in position reinforced cement concrete of design mix M.20 with ope cement @ 320 kgs with 20mm nominal down size graded granite metal, coarse aggregate 0.6 qty and fine aggregate 0.4 boys, with super plasticizer @ 2 ltrs confirming to IS						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9903-1999 reaffirmed - 2008, machine mixed concrete laid in layers not exceeding 15cms thicke, vibrated for all Works in foundations for footings, pedestals, retaining Walls, staircase, retaining walls, Returns Walls, Walls (any thickness) including attached pilasters, columns etc including cost of all material, labour, hire of machinery only Complete as per specifications and directions of Engineer-in-charge.						
	(a) for drain Bottom	qty wide this mtg. p.w.				226.80	
		If no. (5) =				94.5347	
	(b) for drain side Walls						
	Cross-Roads - WORKS (L)	2x1	30.00	0.75	0.65 =	5.85	
	(R)	2x1	10.00	0.75	0.65 =	1.95	
		4x1	30.00	0.15	0.65 =	23.40	
		2x1	8.00	0.15	0.65 =	1.56	

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

226009

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross-Road - R/s- 450317	6×2	30.00	0.15	0.70	= 37.80	
	L/s	2×1	10.00	0.15	0.70	2.10	
	R/s	6×2	30.00	0.15	0.70	37.80	
		2×1	10.00	0.15	0.65	1.95	
	Culverts - Deck slabs	1×1	6.90	1.50	0.25	2.59	
		1×1	6.85	1.50	0.25	2.57	
		4×1	6.80	1.50	0.15	2.04	
					Total	214.144 m³	
					Less	213.704 m³	
						0.440 m³	13,41,623 = 74
(4)	provided construction of [illegible] bad dirt size stone masonry						

25/1/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in basement with c. mortar 1:6, edges of stones chisel dressed in courses not less than 15cms high bond stones at 24 apart in each course including cost of material, labour, etc complete as per specifications and directions of Engineer-in-charge of work.						
	I/f of RR college Gate C_1	2	6.90	0.50	0.00	8.55	
	C_2	2	6.85	0.50	1.00	8.63	
	ಸರಾಯಿಪುರ ಕಾಲೇಜು ಮುಖ್ಯದ್ವಾರ ಕಟ್ಟಡಕ್ಕೆ ಉಪಯೋಗಿಸಿದ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಬಿಎಸ್.ಎಂ. ಕಸ್ತೆ. ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು					17.18 m^3	
					Ded 1/6	16.80 m^3	
					@	5305.80/-	89137.44
5)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surfaces such as walls of any thickness, including attached pilasters, buttresses						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. .....

226010

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	plinth, cills and string courses, costing all material, labour, complete as per specifications and directions of Engineer in charge of the work.						
	Qty vide this MB. Page no. 2260						
6)	Providing TMT-Steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding					1683-604 e 310-58/12	522892.49

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wire and anchoring to the adjoining members wherever necessary complete as per design, costing all materials, labour, hire of machinery, complete as per specifications and directions of Engineers-in-charge of the work.						
	Qty vide this MB. Item (3)						
	P.no. 226078 = 14.09 Tons						
	CSA 243.42/7 no.					905189.79	
7)	Providing and Laying reinforced cement precast slabs, mix. C.C 1:1½:3 using 20mm and down size graded granite metal using HYSD 10mm dia steel @ 100mm c/c both						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

226011

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Ways at Complete as per specification.						
	a) Cross Road Rs W0139 Rs	4 x 1	30.00	0.90	-	108.00	
		1 x 1	8.00	0.90	-	7.20	
	Rs	1 x 1	30.00	0-90	-	27.00	
		1 x 1	10.00	0.90	-	9.00	
	b. Cross Road Rs W0137 Rs						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಕೆಬ್ಬಕ್ಕ ಉಪವಿಭಾಗ, ಚಂಗಡಹಳ್ಳಿ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಎಸ್.ಎಂ. ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು	1 x 1	30.00	0.90	-	162.00	
		1 x 1	10.00	0.90	-	9.00	
		1 x 1	30.00	0.90	-	162.00	
		1 x 1	10.00	0.90	-	9.00	

25/1/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Missing slab	2 nos	26.50	0.90	-	47.70	
	Medarahally - RR wall	1	27.80	0.90	-	25.02	
	Medarahally Road	1	8.50	0.90	-	7.65	
						573.57 m²	
					Add	573.20 m²	
					@	1680/-	962976.00
						Total A	45,09,989.68
					Add	11% - KRIDL Chgs	4,95,108.86
					G.	Total R	49,96,098.54

Chd & Pd

18/01/2019

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರ
ಕೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

18/01/2019

Audited and admitted for Rs. 4996098=00

Passed by Cheque for Rs. 4457348=00

Serial No. —

Name of work 538750=00

Name of Contractor or nature of Agency

Date of commencement of work

Accounts Superintendent | Exe. Engineer

Date | Full description, etc. of work

B.B.M.P. Dasarahalli Division

M. A. R. 57 (Rule 116) No. D

Measurement Book

226012

From ..... To .....

1	2	3	Dimensions 4	5	6	7	8
		Number	Length	Breadth	Depth	Contents	Reference to last Measurement

W0230

Vinayakanagar Main Rly

W0317

W0240

W0319

Shettyhally Railway gate

Bhargava Main Rly

18/01/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಕಛೇರಿ ಬಿಬಿಎಂಪಿ, ದಾಸರಹಳ್ಳಿ ವಲಯ

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ನಂ. ೧೧, ರಸೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು